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PTO/SB/05 (03-01)

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**UTILITY PATENT
APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

PHAR 1030 US

First Inventor

Lieven Stuyver *et al.*

Express Mail Label No.

ET491031085US

Title

Antiviral Agents for Treatment of *Flaviviridae* Infections**Application Elements**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner of Patents
Box Patent Application
Washington, D.C. 202311. ☒ Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)2. ☐ Applicant claims small entity status.
See 37 CFR 1.273. ☒ Specification [Total Pages 147]

(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Pages 7]

5. Oath or Declaration [Total Pages 10]

- a. ☐ Newly executed (original or copy)
- b. ☒ Unexecuted
- c. ☐ Copy from prior application (37 CFR 1.63(d))

(for continuation/divisional with Box 17 completed)

i. ☐ **DELETION OF INVENTOR(S)**

Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)

6. ☐ Application Data Sheet. See 37 CFR 1.767. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper

c. ☐ Statement verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**9. ☐ Assignment Papers (cover sheet & document(s))10. ☐ 37 CFR 3.73(b) Statement

(when there is an assignee)

☐ Power of Attorney11. ☐ English Translation Document (if applicable)12. ☐ Information Disclosure Statement (IDS)/PTO-1449☐ Copies of IDS Citations13. ☐ Preliminary Amendment14. ☒ Return Receipt Postcard (MPEP 503)

(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)

(if foreign priority is claimed)

16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form
PTO/SB/35 or its equivalent.17. ☒ Other: certificate of express mailing
check for \$0.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____

Prior application information: Examiner: _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Label20786
(Insert Customer No. or Attach bar code label here)or ☒ Correspondence address belowFirm or
Individual Name

Sherry M. Knowles, Esq. (Registration No. 33,052)

Address

King & Spalding

191 Peachtree Street

City

Atlanta

State

GA

ZIP

30303-1763

Country

U S A.

Telephone

404-572-3541

Fax

404-572-5145

Name (Print Type): Sherry M. Knowles, Esq.

Registration No. (Attorney/Agent)

33,052

Signature

Sherry M Knowles

Date

December 17, 2001

FEE TRANSMITTAL

This sheet accompanies a patent application transmittal for the following application:

Inventor(s): Lieven Stuyver et al.
Filing Date: December 17, 2001
Title: Antiviral Agents for Treatment of Flaviviridae Infections

The filing fee is calculated as shown below:

1. FILING FEE:

SMALL ENTITY			LARGE ENTITY	
FOR:	FEE	FEE PAID	FEE	FEE PAID
<input checked="" type="checkbox"/> UTILITY FILING FEE	\$370.00	\$370.00	\$740.00	
<input type="checkbox"/> DESIGN FILING FEE	\$165.00		\$330.00	
<input type="checkbox"/> PLANT FILING FEE	\$255.00		\$510.00	
<input type="checkbox"/> REISSUE FILING FEE	\$370.00		\$740.00	
<input type="checkbox"/> PROVISIONAL FILING FEE	\$80.00		\$160.00	
SUBTOTAL (1)		\$370.00		

2. CLAIMS:

SMALL ENTITY					LARGE ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
TOTAL CLAIMS	50- 20 =	30	x \$9 =	\$270	x \$18 =	\$0.00
INDEP. CLAIMS	43 - 3 =	40	x \$42 =	1680	x \$84 =	
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+\$140 =	140	+\$280 =	
SUBTOTAL (2)				\$2090		\$0.00

3. ADDITIONAL FEES:

SMALL ENTITY			LARGE ENTITY	
FOR:	FEE	FEE PAID	FEE	FEE PAID
<input type="checkbox"/> LATE FILING, FEE OR OATH	\$65		\$130	
<input type="checkbox"/> NON-ENGLISH SPECIFICATION	\$130		\$130	
<input type="checkbox"/> OTHER				
SUBTOTAL (3)		\$		

TOTAL FILING FEES: \$ 2460.00

A check is enclosed for the amount: \$ 1000.00

☒ Charge any additional fees required under 37 C.F.R. 1.16 or 1.17 to Deposit Account 11-0980.

KING & SPALDING

45th Floor, 191 Peachtree Street, N.E.

Atlanta, Georgia 30303

Telephone: 404.572.4600

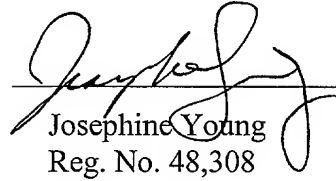
By: Sherry M. Knowles Date: December 17, 2001

Sherry M. Knowles, Esq. and Josephine Young

Reg. No. 33,052 and 48,308

UTILITY PATENT APPLICATION FILINGCertificate of Mailing Under 37 CFR 1.10

I hereby certify that this Utility Patent Application and Transmittal, along with any documents referred to as attached therein are being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addresses" services under 37 CFR 1.10, Mailing Label Number ET491031085US addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.


Josephine Young
Reg. No. 48,308

Date: December 17, 2001

PHAR 1030 US